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FIG. 1A

SDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLSST DIQMTQSPSSLSASVGDRVTITCRASQDINNYLNWYQQKPGKAPKLLIYYTSTLHSGVP SRFSGSGSGTDYTLTISSLQPEDFATYYCQQGNTLPPTFGQGTKVEIKRTVAAPSVFIFPP LTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC

FIG. 1B

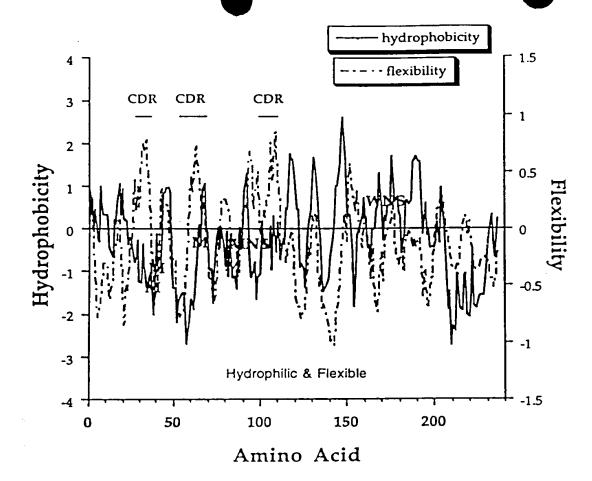


Figure 2A

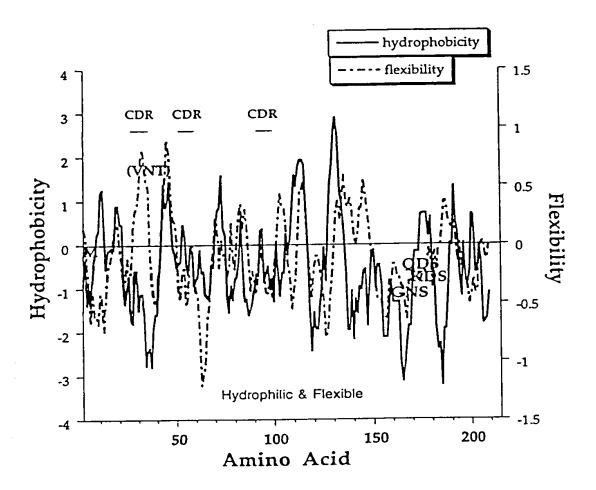
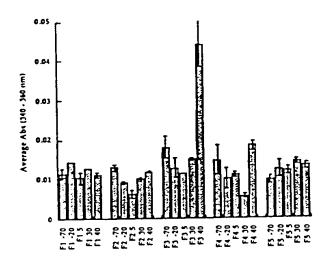
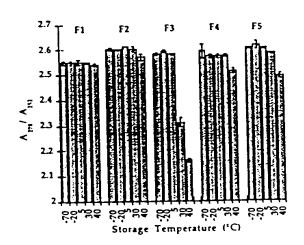


Figure 2B

Figure 3A

Figure 3B





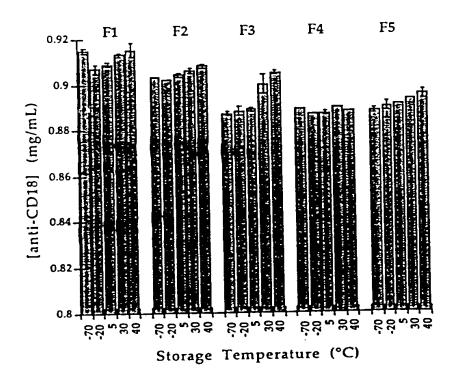
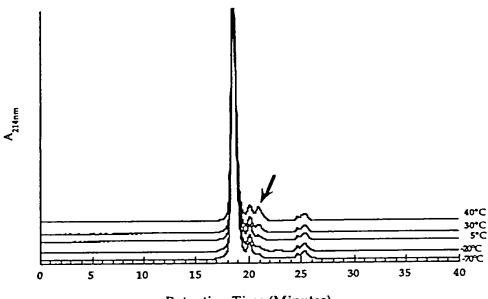


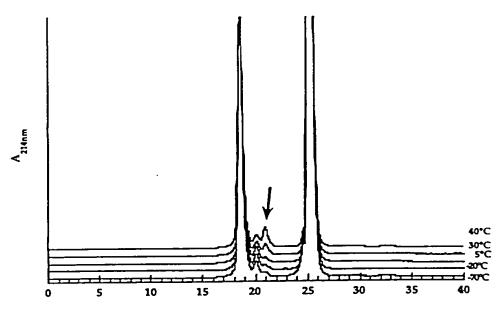
Figure 4

Figure 5A

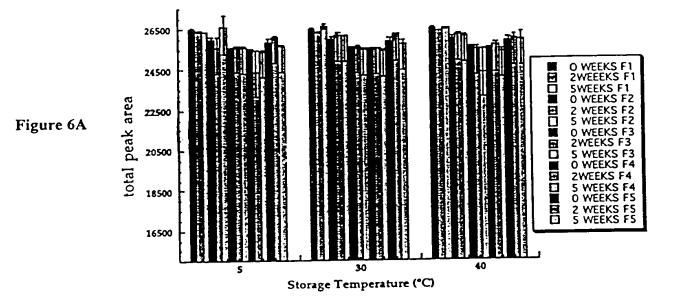


Retention Time (Minutes)

Figure 5B



Retention Time (Minutes)



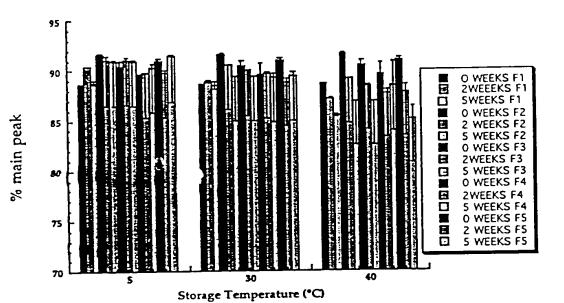


Figure 6B

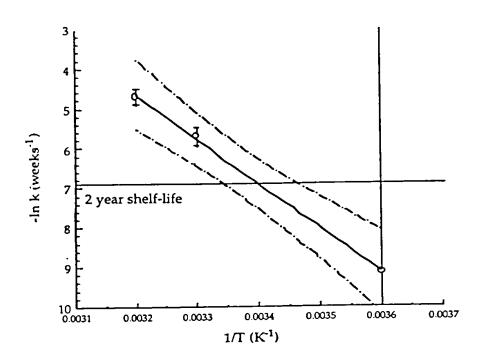


Figure 7

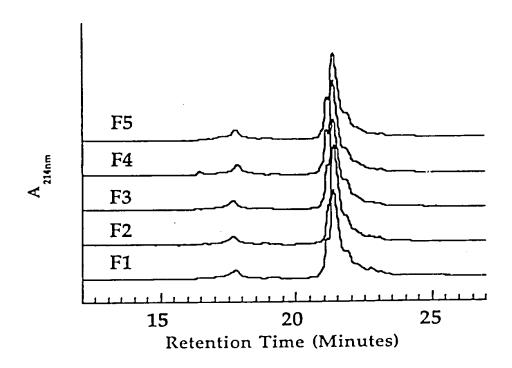


Figure 8

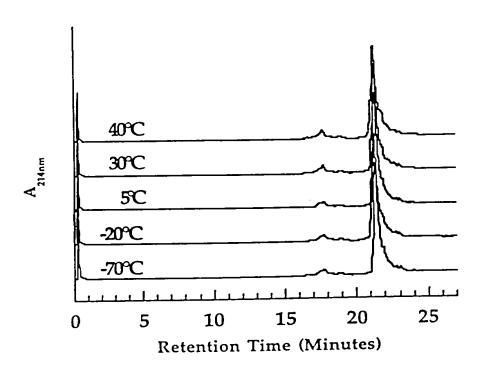


Figure 9

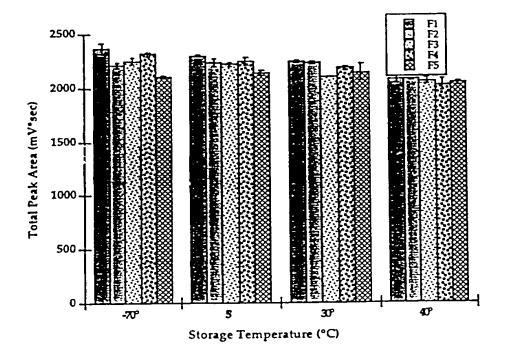


Figure 10

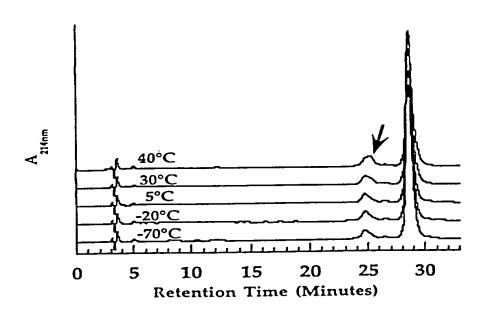


Figure 11

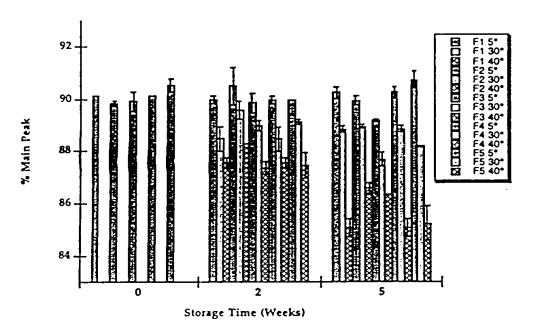


Figure 12

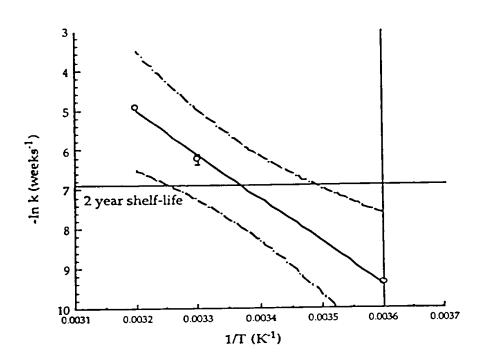


Figure 13

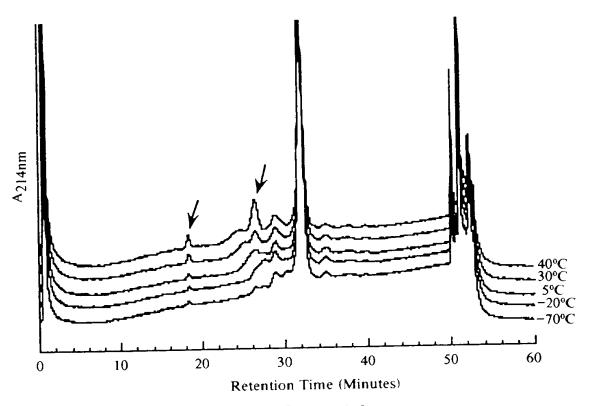


FIG. 14A

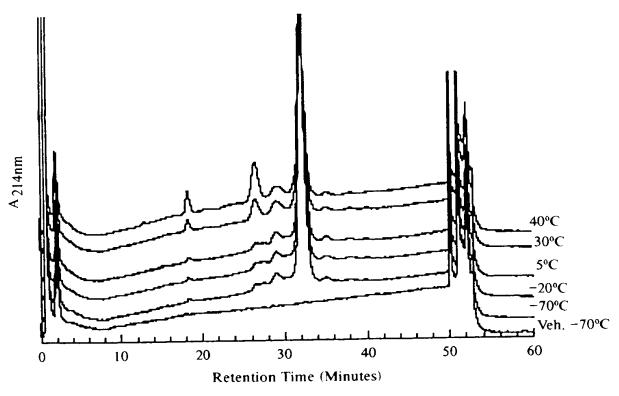


FIG. 14B

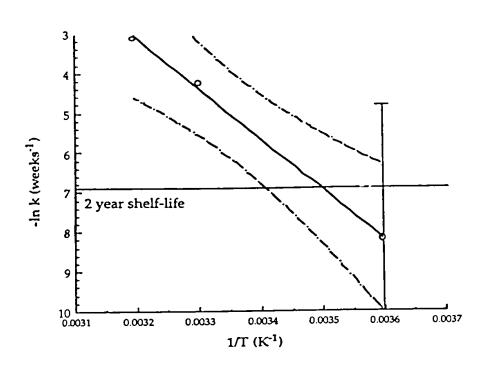


Figure 15

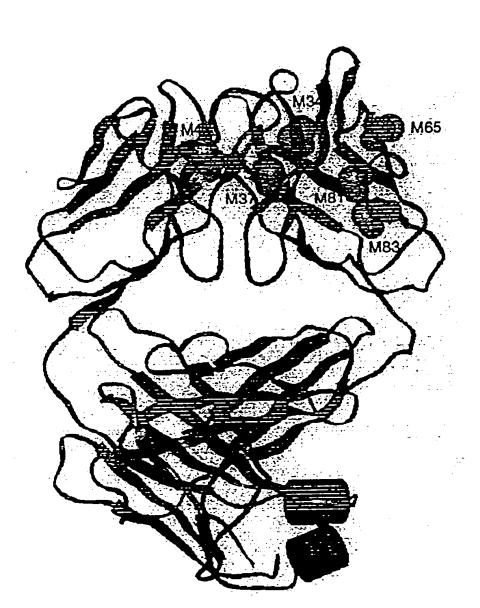
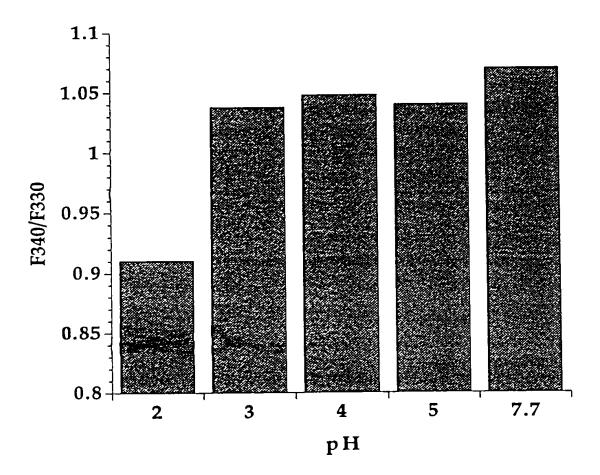


Figure 16

Figure 17



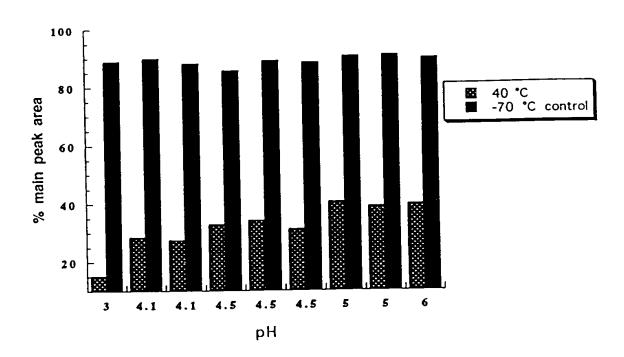
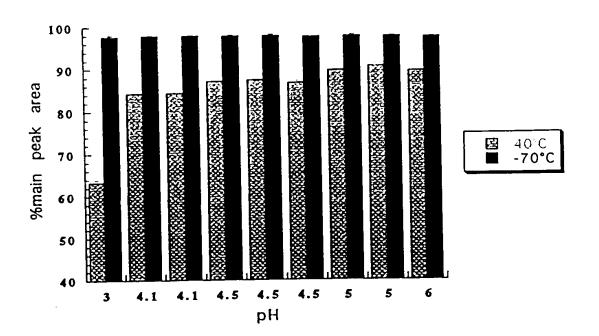


Figure 18B



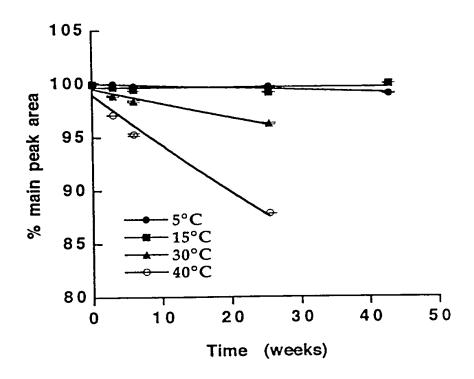


Figure 19B

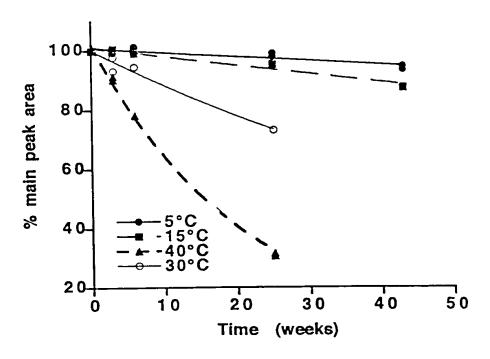


Figure 19C

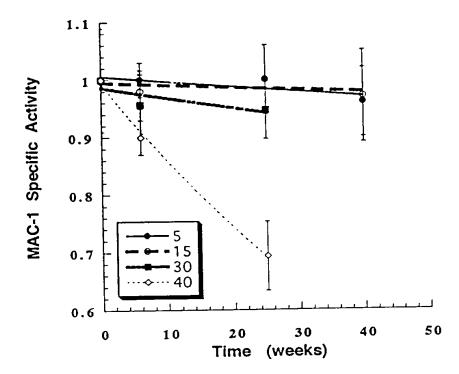
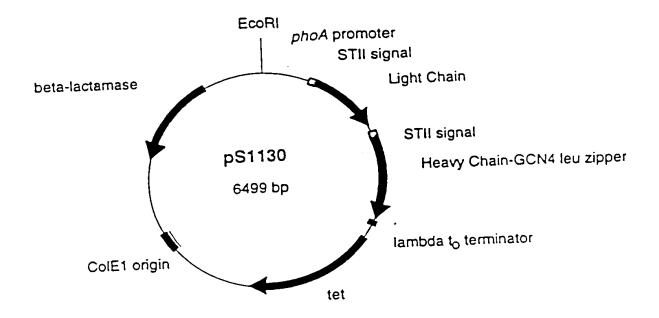


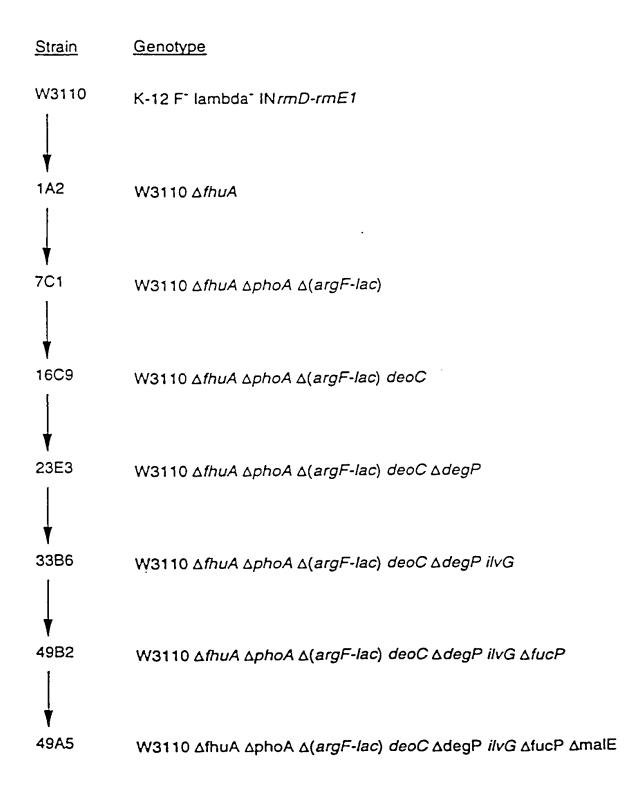
Figure 20

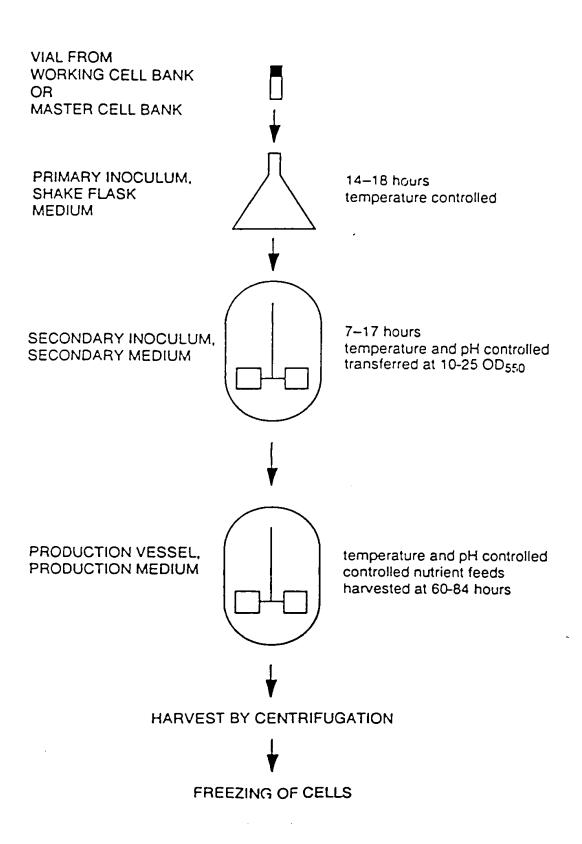


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1131 CTAGTACGCA AGTTCACGTA AAAACGGTAT CTAGAGGTTG AGGTGATTTT ATG AAA -23 1187 AAG AAT ATC GCA TIT CTT CTT GCA TCT ATG TTC GTT TTT TCT ATT GCT N I AFLLASH 1235 ACA AAC GCG TAC GCT GAG GTT CAG CTG GTG GAG TCT GGC GGT GGC CTG E E 0 1283 GTG CAG CCA GGG GGC TCA CTC CGT TTG TCC TGT GCA ACT TCT GGC TAC 12 V Q S G R C 1331 ACC TTT ACC GAA TAC ACT ATG CAC TGG ATG CGT CAG GCC CCG GGT AAG W н H м R 1379 GGC CTG GAA TGG GTT GCA GGG ATT AAT CCT AAA AAC GGT GGT ACC AGC WVAG 44 G L E INPKNGG 1427 CAC AAC CAG AGG TTC ATG GAC CGT TTC ACT ATA AGC GTA GAT AAA TCC R D R 1475 ACC AGT ACA GCC TAC ATG CAA ATG AAC AGC CTG CGT GCT GAG GAC ACT M М N S 0 R A 1523 GCC GTC TAT TAT TGT GCT AGA TGG CGA GGC CTG AAC TAC GGC TTT GAC 92 A V Y Y C ARWRG N 1571 GTC CGT TAT TTT GAC GTC TGG GGT CAA GGA ACC CTG GTC ACC GTC TCC 3 1619 TEG GCC TCC ACC AAG GGC CCA TEG GTC TTC CCC CTG GCA CCC TCC TCC S 124 S S K G 1667 AAG AGC ACC TCT GGG GGC ACA GCG GCC CTG GGC TGC CTG GTC AAG GAC 140 X S G T A K 1715 TAC TTC CCC GAA CCG GTG ACG GTG TCG TGG AAC TCA GGC GCC CTG ACC 1763 AGC GGC GTG CAC ACC TTC CCG GCT GTC CTA CAG TCC TCA GGA CTC TAC 172 S G V H T F P A L Q S S G 1811 TCC CTC AGC AGC GTG GTG ACC GTG CCC TCC AGC AGC TTG GGC ACC CAG 1859 ACC TAC ATC TGC AAC GTG AAT CAC AAG CCC AGC AAC ACC AAG GTC GAC 204 T N N H N 1907 AAG AAA GIT GAG CCC AAA TCT TGT GAC AAA ACT CAC ACA TGC CCG CCG 220 K K V E P K S C D K T H 1955 TGC CCA GCA CCA GAA CTG CTG GGC GGC CGC ATG AAA CAG CTA GAG GAC G R $\mathbf{H} \cdot \mathbf{K}$ 2003 ANG GTC GAA GAG CTA CTC TCC ANG ANC TAC CAC CTA GAG ANT GAN GTG E S ĸ н Y H E L N 2051 GCA AGA CTC AAA AAG CTT GTC GGG GAG CGC TAA GCATGCG ACGGCCCTAG L K 2101 AGTCCCTAAC GCTCGGTTGC CGCCGGGCGT TTTTTATTGT TAA

Figure 22





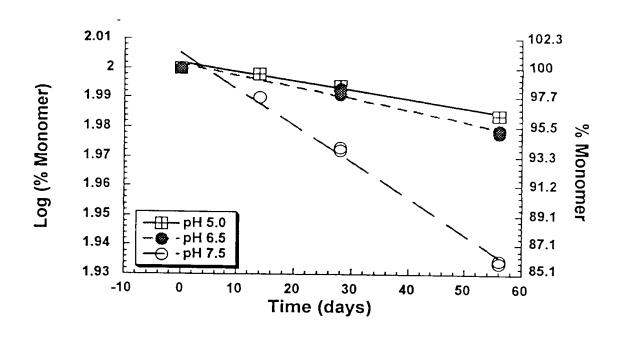


Figure 24A

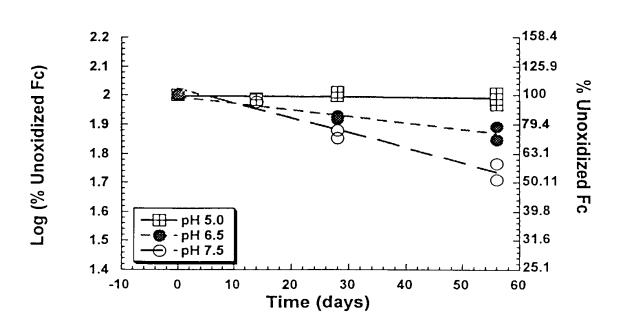


Figure 24B

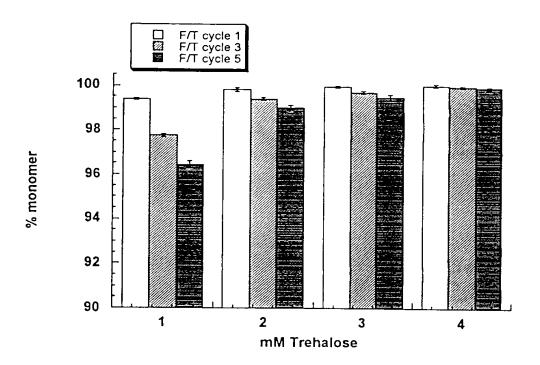


Figure 25

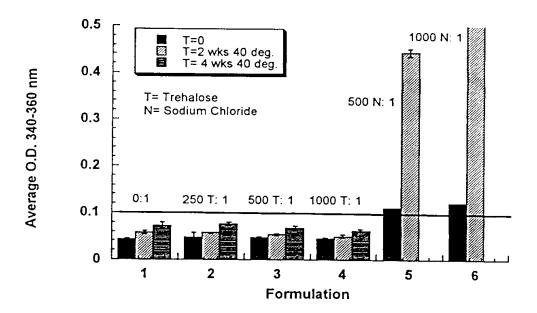


Figure 26

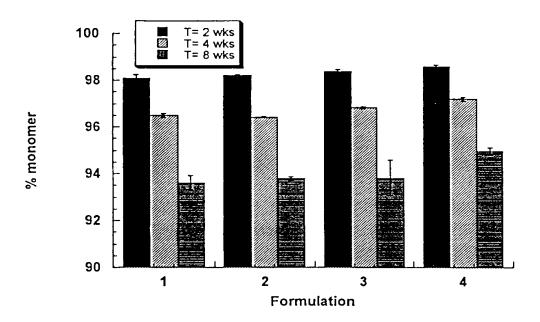


Figure 27

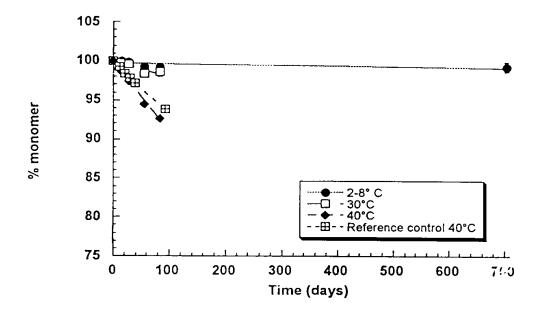


Figure 28